

PATENT
Docket No. 56286US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): PARTHASARATHY et al.) Group Art Unit: 1651
Serial No.: 09/841,264) Examiner: David Naff
Confirmation No.: 5359)
Filed: 24 April 2001)
For: BIOLOGICAL SAMPLE PROCESSING METHODS AND COMPOSITIONS
THAT INCLUDE SURFACTANTS

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Name: Rachel Gagliardi-Gebhardt

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is submitted after the receipt of an Office Action in the above-identified patent application, Applicants authorize a charge to Deposit Account No. 13-4895 for the fee of \$180 under 37 C.F.R. §§1.97(c) and 1.117(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 13-4895.

Supplemental Information Disclosure Statement

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Serial No.: 09/841,264

Filed: 24 April 2001

For: BIOLOGICAL SAMPLE PROCESSING METHODS AND COMPOSITIONS THAT INCLUDE
SURFACTANTS

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being transmitted by facsimile in accordance with 37 CFR §1.6(d) to the Patent and Trademark Office, addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on this 15 day of January, 2003, at 10:37 a.m. (Central Time).

Signature:

Name:

Rachel Gayle Gebhardt
Rachel Gayle Gebhardt

January 15, 2003
Date

Respectfully submitted for

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	Filing Date: 24 April 2001	Group: 1751

COPY**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,683,195	07/28/87	Mullis et al.			
	4,683,202	07/28/87	Mullis			
	4,889,818	12/26/89	Gelfand et al.			
	4,951,188	08/21/90	Peter et al.			
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	5,693,517	12/02/97	Gelfand et al.			
	5,705,345	01/06/98	Lundin et al.			

EXAMINER**Date Considered**

* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,721,123	02/24/98	Hayes et al.			
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						Yes	No
	EP 624 641 B1	11/17/94	EPO				
	EP 776 970 A1	06/04/97	EPO				
	WO 89/06691 A2	07/27/89	WIPO				
	WO 89/06691 A3	07/27/89	WIPO				
	WO 92/16659 A1	10/01/92	WIPO				
	WO 96/41864 A1	12/27/96	WIPO				
	WO 99/51284 A2	10/14/99	WIPO				
	WO 99/51284 A3	10/14/99	WIPO				
	WO 99/67371 A1	12/29/99	WIPO				

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COPY

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Document Description
	"14 TH International Symposium on Microscale Separations and Analysis," California Separation Science Society, Boston Marriott Copley Place, Boston, MA; January 13-18, 2001 [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >, 13 pgs.
	Almaraz, "Micro-Scale Capillary Electrophoresis," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 1 of 3, abstract, [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Barta et al., "New Advances in Sample Preparation in Integrated Microfabricated Device Technology," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 1 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: http://www.inmerge.com/SAPFolder/HPCE2001Results.asp?title=&author=&SessType=No+Preference&SessCode=P03&institute= >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
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Examiner Initial	Document Description
	Chen et al., "Plastic Microchip Electrophoresis for Genetic Screening-The Analysis of PCR Products of Fragile X(CGG)N Alleles," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, pages 2-3 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Dunsmoor et al., "Acousto-Optical Tunable Filter for Multicolor Detection of DNA Fragments on an Electrophoresis Microchip for Forensic Identification," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, pages 1-2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Giordano et al., "Infrared-Mediated Thermocycling Coupled to Microchip Electrophoresis: A Rapid DNA Amplification and Separation System," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: http://www.inmerge.com/SAPFolder/HPCE2001Results.asp?title=&author=&SessType=No+Preference&SessCode=P03&institute= >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Hibara et al., "Interface Microchip For Ultrasensitive Thermal Lens Detection of Capillary Electrophoresis," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 1 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.

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	Jin et al., "A Simple Method for Laser-Induced Fluorescence (LIF) Detection of SDS-Protein Complexes on Microchips Without Covalent Derivatization," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Jin et al., "Post-Column Reaction and Chemiluminescence Detection of Microfabricated Chips and Chip-Based Immunoassay," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, pages 1-2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: http://www.inmerge.com/SAPFolder/HPCE2001Results.asp?title=&author=&SessionType=No+Preference&SessCode=P03&institute= >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Kim et al., "Microfabrication of polydimethylsiloxane electrospray ionization emitters," <i>Journal of Chromatography A</i> , 2001, Vol. 924, pgs. 137-145.
	Neill et al., "On-Chip Definition of Picolitre Sample Injection Plugs for Miniaturised Liquid Chromatography," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 3 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.

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	Petersen et al., "A Microfabricated Separation Chip with Integrated Waveguidelines for In-Plane Optical Detection," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, pages 1-2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Sambrook, <i>Molecular Cloning A Laboratory Manual</i> , Cold Spring Harbor, New York, 1989; cover page, title page, and table of contents: 30 pgs.
	Sanders et al., "Isoelectric Focusing of Proteins Using Acousto-Optical Deflection Scanning and LIF Detection," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 3 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: http://www.inmerge.com/SAPFolder/HPCE2001Results.asp?title=&author=&SessType=No+Preference&SessCode=P03&institute= >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Slyadnev et al., "Ultrafast Temperature Control in a Microchannel by Laser-Induced Photothermal Effect," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 3 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.
	Strein et al., "Recent Advances with Electrochemical Detection for Microfabricated Chips," presented at the Mchip-based Analysis A session, 14 TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 1 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp >; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/ >.

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	<p>Surmeian et al., "Formation of Liquid Membrane in Flowing Micro Channel for Study on Molecular Transport," presented at the Mchip-based Analysis A session, 14TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, pages 1-2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp>; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/>.</p>
	<p>Wakida et al., "High Throughput Characterization of Organic Pollutants in Waters Using CE-Chip," presented at the Mchip-based Analysis A session, 14TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 2 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp>; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/>.</p>
	<p>Wolfe et al., "Exploring DNA Extraction in a Microminaturized Platform," presented at the Mchip-based Analysis A session, 14TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, pages 2-3 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: http://www.inmerge.com/SAPFolder/HPCE2001Results.asp?title=&author=&SessType=No+Preference&SessCode=P03&institute=>; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/>.</p>
	<p>Zhang, "Novel Injectors for Capillary Electrophoresis on Microchips," presented at the Mchip-based Analysis A session, 14TH International Symposium on Microscale Separations and Analysis, Boston Marriott Copley Place, Boston, MA, page 1 of 3, abstract [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.inmerge.com/ASPFolder/HPCE2001.Results.asp>; and page 1 of 1, symposium cover sheet (January 13-18, 2001) [online] [retrieved on 2001-04-03]; Retrieved from the Internet: <URL: www.casss.org/hpce2001/>.</p>

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